Index of Authors

ABECK, D. *see* FONTAINE, E. A.

AL-ZAAG, A. & PEMBERTON, J. M. Molecular analysis of an aesculinase activity from *Klebsiella oxytoca* 11

AMIN, M. K. & DAY, M. J. Influence of pH value on viability and transduction frequency of *Pseudomonas aeruginosa* phage F116 93

ATANDA, O. O. & IKENEBOMEH, M. J. Changes in the acidity and lactic acid content of 'Nono', a Nigerian cultured milk product 137

AUGER, D. W. *see* PANKHURST, C. L.

BISSET, J. *see* FLINT, H. J.

BOLTON, K. J., DODD, C. E. R., MEAD, G. C. & WAITES, W. M. Chlorine resistance of strains of *Staphylococcus aureus* isolated from poultry processing plants 31

BONNER, M. A. & STUTZENBERGER, F. J. Cell surface changes in *Thermomonospora curvata* during cellulase induction and repression 59

BROCKLEHURST, T. F. *see* GEORGE, S. M.

BULL, A. T. *see* DAY, M. J.

BURTON, N. F. *see* DAY, M. J.

CHAMPION, W. *see* PETTS, D. N.

COLLINS, R. P. *see* SNELLMAN, E. A.

COLLINS-THOMPSON, D. L. *see* SLADE, P. J.

COOKE, J. C. *see* SNELLMAN, E. A.

DAY, M. J., BURTON, N. F. & BULL, A. T. The contribution of plasmids to naphthalene catabolism in sediment bacteria 75

DAY, M. J. *see* AMIN, M. K.

DODD, C. E. R. *see* BOLTON, K. J.

DODD, C. E. R. *see* PURDEY, J.

DUNCAN, S. H. *see* FLINT, H. J.

DUNCAN, S. H. *see* STEWART, C. S.

ETOA, F.-X. & MICHIELS, L. Heat-induced resistance of *Bacillus stearothermophilus* spores 43

FARR, L. *see* HUTCHESON, T. C.

FLINT, H. J., DUNCAN, S. H., BISSET, J. & STEWART, C. S. The isolation of tetracycline-resistant strains of strictly anaerobic bacteria from the rumen 113

FLINT, H. J. *see* STEWART, C. S.

FONTAINE, E. A., ABECK, D., JOHNSON, A. P. & TAYLOR-ROBINSON, D. Detection of plasmids in strains of *Bacteroides ureolyticus* isolated from the genital tract 117

FORSÉN, R. *see* NISKASAARI, K.

FOWLER, D. R. *see* PURDEY, J.

FURTADO, I., MAVINKURVE, S. & PAKNIKAR, S. K. Microbiological transformation of α-santonin to 11-demethyl-eudesm-4-ene-3,6-dione 27

GEORGE, S. M., LUND, B. M. & BROCKLEHURST, T. F. The effect of pH and temperature on initiation of growth of *Listeria monocytogenes* 153

GIBBS, R. A. & HAYES, C. R. The use of R2A medium and the spread plate method for the enumeration of heterotrophic bacteria in drinking water 19

GIBSON, A. M. Use of impedance measurements to estimate numbers of antibiotic resistant *Salmonella* strains 89

GILMOUR, A. *see* HARVEY, J.

GORMAN, S. P., MCCAFFERTY, D. F., WOOLFSON, A. D. & KENNEDY, G. E. Reduced adherence and inhibition of hyphal development of *Candida albicans* by the antimicrobial agent polynoxylin 145

GUGNANI, H. C. *see* OKEKE, C. N.

HARDIE, J. M. *see* PANKHURST, C. L.

HARVEY, J. & GILMOUR, A. The use of a multipoint inoculation method to perform lysostaphin, lysozyme and glycerol-erythromycin tests for the differentiation of staphylococci and micrococci 109

HAYES, C. R. *see* GIBBS, R. A.

HAYWARD, A. C. *see* WILLOUGHBY, G. A.

HICKS, S. J. & ROWBURY, R. J. Col V plasmids and the resistance of *Escherichia coli* to divalent copper ions 15

HUTCHESON, T. C., MCKAY, T., FARR, L. & SEDDON, B. Evaluation of the stain Viablue for the rapid estimation of viable yeast cells 85

IKENEBOMEH, M. J. *see* ATANDA, O. O.

JASSIM, S., SALT, W. G. & STRETTON, R. J. The preparation and use of media based on a simple fish waste extract 139

JOHNSON, A. P. *see* FONTAINE, E. A.

JUUTINEN, K. M. S. *see* NISKASAARI, K.

KANEMATSU, N. *see* SATO, M.

KATO, M. *see* SATO, M.

KENNEDY, G. E. *see* GORMAN, S. P.

LLOYD, D. & WHITMORE, T. N. Hydrogen-dependent control of the

continuous thermophilic anaerobic digestion process using membrane inlet mass spectrometry 5
LUND, B. M. *see* GEORGE, S. M.
MAVINKURVE, S. *see* FURTADO, I.
MCCAFFERTY, D. F. *see* GORMAN, S. P.
MCKAY, T. *see* HUTCHESON, T. C.
MEAD, G. C. *see* BOLTON, K. J.
MICHIELS, L. *see* ETOA, F.-X.
MONTGOMERY, L. Isolation of human colonic fibrolytic bacteria 55
NAMIKAWA, I. *see* SATO, M.
NISKASAARI, K., JUUTININ, K. M. S., RIMPILÄINEN, M. A. & FORSÉN, R. Release of adenosine triphosphatase from *Streptococcus lactis* subsp. *cremoris* membrane: evaluation of carbohydrate in membrane and F_1-ATPase preparations by polyacrylamide gel electrophoresis 157
OKEKE, C. N. & GUGNANI, H. C. Isolation of *Exophiala jeanselmei* from bat guano 97
PAKNIKAR, S. K. *see* FURTADO, I.
PANKHURST, C. L., AUGER, D. W. & HARDIE, J. M. An ultrastructural study of adherence to buccal epithelial cells of *Simonsiella* sp. 125
PEMBERTON, J. M. *see* AL-ZAAG, A.
PETTS, D. N., CHAMPION, W. & RAYMOND, G. Oxolinic acid as a selective agent for the isolation of non-sporing anaerobes from clinical material 65
PURDEY, J., DODD, C. E. R., FOWLER, D. R. & WAITES, W. M. Increase in microbial contamination of defeathering machinery in a poultry processing plant after changes in the method of processing 35
RAYMOND, G. *see* PETTS, D. N.
RIMPILÄINEN, M. A. *see* NISKASAARI, K.
ROWBURY, R. J. *see* HICKS, S. J.
SAKAGUCHI, G. *see* UEMURA, T.
SALT, W. G. *see* JASSIM, S.
SATO, M., TSUCHIYA, H., KATO, M., YAMAMOTO, K., KANEMATSU, N., TAKAGI, N. & NAMIKAWA, I. Sucrose concentrations in the growth medium influence the membrane lipids of *Streptococcus mutans* 69
SEDDON, B. *see* HUTCHESON, T. C.
SHAKESPEARE, A. P. & VERRAN, J. The use of automated image analysis for rapid measurement of the *in vitro* attachment of *Candida albicans* to transparent acrylic 79
SHIMAHARA, K. *see* TAKIGUCHI, Y.
SLADE, P. J. & COLLINS-THOMPSON, D. L. Enumeration of *Listeria monocytogenes* in raw milk 121
SNELLMAN, E. A., COLLINS, R. P. & COOKE, J. C. Utilization of fuel oils by fungi isolated from oceanic tar balls 105
STEWART, C. S., DUNCAN, S. H. & FLINT, H. J. Characteristics of isolates of *Lactobacillus fermentum* from the rumen of sheep 133
STEWART, C. S. *see* FLINT, H. J.
STRETTON, R. J. *see* JASSIM, S.
STUTZENBERGER, F. J. Alteration of the *Trichoderma reesei* cellulase complex by adsorption to protein-extracted lucerne fibres 1
STUTZENBERGER, F. J. & WILLIAMSON, B. N. Protein-extracted lucerne fibres as carbon source for cellulase production by *Thermomonospora curvata* 23
STUTZENBERGER, F. J. *see* BONNER, M. A.
TAKAGI, N. *see* SATO, M.
TAKIGUCHI, Y. & SHIMAHARA, K. *N,N*-Diacetylchitobiose production from chitin by *Vibrio anguillarum* strain E-383a 129
TAYLOR-ROBINSON, D. *see* FONTAINE, E. A.
TSUCHIYA, H. *see* SATO, M.
UEMURA, T., SAKAGUCHI, G., YAMASHITA, T. & USHIJIMA, Y. Rapid discrimination by flow cytometry between viable and non-viable Vero cells treated with *Clostridium perfringens* enterotoxin 149
USHIJIMA, Y. *see* UEMURA, T.
VERRAN, J. *see* SHAKESPEARE, A. P.
WAITES, W. M. *see* BOLTON, K. J.
WAITES, W. M. *see* PURDEY, J.
WHITE, M. *see* WONG, W. C.
WHITMORE, T. N. *see* LLOYD, D.
WILLIAMSON, B. N. *see* STUTZENBERGER, F. J.
WILLOUGHBY, G. A. & HAYWARD, A. C. Degradation of delignified *Eucalyptus maculata* by *Cellvibrio mixtus* 99
WONG, W. C. A differential medium for the identification of races 1 and 4 of *Fusarium oxysporum* f.sp. *cubense* 51
WONG, W. C., WHITE, M. & WRIGHT, I. G. Production of monoclonal antibodies to *Fusarium oxysporum* f.sp. *cubense* race 4 39
WOOLFSON, A. D. *see* GORMAN, S. P.
WRIGHT, I. G. *see* WONG, W. C.
YAMAMOTO, K. *see* SATO, M.
YAMASHITA, T. *see* UEMURA, T.
YOUNG, J. M. Comment on a proposal of Hildebrand & Palleroni (1987) to reject the name *Pseudomonas syringae* pv. *panici* (Elliott 1923) Young *et al.* 1978 47

Index of Subjects

Adenosine triphosphatase of *Streptococcus lactis* subsp. *cremoris* (NISKASAARI, JUUTINEN, RIMPILÄINEN & FORSÉN) 157
Adherence of *Simonsiella* sp. (PANKHURST, AUGER & HARDIE) 125
Aesculinase activity from *Klebsiella oxytoca* (AL-ZAAG & PEMBERTON) 11
Attachment of *Candida albicans* to acrylic (SHAKESPEARE & VERRAN) 79
Cellulase production (STUTZENBERGER & WILLIAMSON) 23
Cellvibrio mixtus (WILLOUGHBY & HAYWARD) 99
Changes in 'Nono' (ATANDA & IKENEBOMEH) 137
Chlorine resistance (BOLTON, DODD, MEAD & WAITES) 31
Colonic fibrolytic bacteria (MONTGOMERY) 55
Col V plasmids and copper resistance (HICKS & ROWBURY) 15
N,N-Diacetylchitobiose production (TAKIGUCHI & SHIMAHARA) 129
Differential medium for *Fusarium oxysporum* f. sp. *cubense* (WONG) 51
Differentiation of staphylococci and micrococci (HARVEY & GILMOUR) 109
Discrimination of Vero cells (UEMURA, SAKAGUCHI, YAMASHITA & USHIJIMA) 149
Effects of pH (AMIN & DAY) 93
Enumeration of heterotrophic bacteria (GIBBS & HAYES) 19
Enumeration of *Listeria monocytogenes* (SLADE & COLLINS-THOMPSON) 121
Evaluation of Viablue (HUTCHESON, MCKAY, FARR & SEDDON) 85
Exophiala jeanselmei isolation (OKEKE & GUGNANI) 97
Fish waste media (JASSIM, SALT & STRETTON) 139
Fungal utilization of fuel oils (SNELLMAN, COLLINS & COOKE) 105
Heat-induced resistance (ETOA & MICHIELS) 43
Hyphal development of *Candida albicans* (GORMAN, MCCAFFERTY, WOOLFSON & KENNEDY) 145
Impedance monitoring of *Salmonella* growth (GIBSON) 89
Lactobacillus fermentum characteristics (STEWART DUNCAN & FLINT) 133
Listeria monocytogenes, pH and temperature (GEORGE, LUND & BROCKLEHURST) 153
Membrane lipids in *Streptococcus mutans* (SATO, TSUCHIYA, KATO, YAMAMOTO, KANEMATSU, TAKAGI & NAMIKAWA) 69
Microbial changes in poultry processing (PURDY, DODD, FOWLER & WAITES) 35
Microbiological transformation of α-santonin (FURTADO, MAVINKURVE & PAKNIKAR) 27
Monoclonal antibodies to *Fusarium oxysporum* f. sp. *cubense* (WONG, WHITE & WRIGHT) 39
Naphthalene catabolism and plasmids (DAY, BURTON & BULL) 75
Oxolinic acid for isolation of anaerobes (PETTS, CHAMPION & RAYMOND) 65
Plasmids in *Bacteroides ureolyticus* (FONTAINE, ABECK, JOHNSON & TAYLOR-ROBINSON) 117
Pseudomonas syringae pv. *panici* (YOUNG) 47
Surface structure in *Thermomonospora curvata* (BONNER & STUTZENBERGER) 59
Tetracycline-resistant strains of rumen anaerobes (FLINT, DUNCAN, BISSET & STEWART) 113
Thermophilic anaerobic digestion (LLOYD & WHITMORE) 5
Trichoderma reesei cellulase adsorption (STUTZENBERGER) 1